

# MEVALONATE PATHWAY AND PREFERRED ENZYMES AND SEQUENCES FOR PRODUCING ISOPENTENYL PYROPHOSPHATE

Pub No. 10,669,999

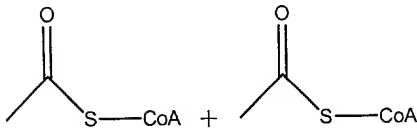
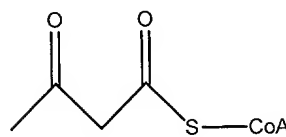
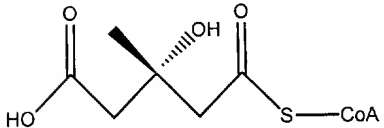
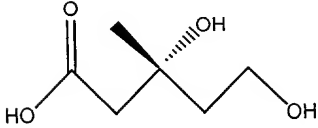
STEP	PREFERRED ENZYME	PREFERRED SEQUENCE
<div>  <p>Acetyl-CoA    Acetyl-CoA</p> </div>		
↓	Acetoacetyl-CoA thiolase	SEQ ID NO 1
<div>  <p>Acetoacetyl-CoA</p> </div>		
↓	HMG-CoA synthase	SEQ ID NO 2
<div>  <p>HMG-CoA</p> </div>		
↓	Truncated HMG-CoA reductase	SEQ ID NO 3
<div>  <p>Mevalonate</p> </div>		

FIG 1A

# MEVALONATE PATHWAY AND PREFERRED ENZYMES AND SEQUENCES FOR PRODUCING ISOPENTENYL PYROPHOSPHATE (CONTINUED)

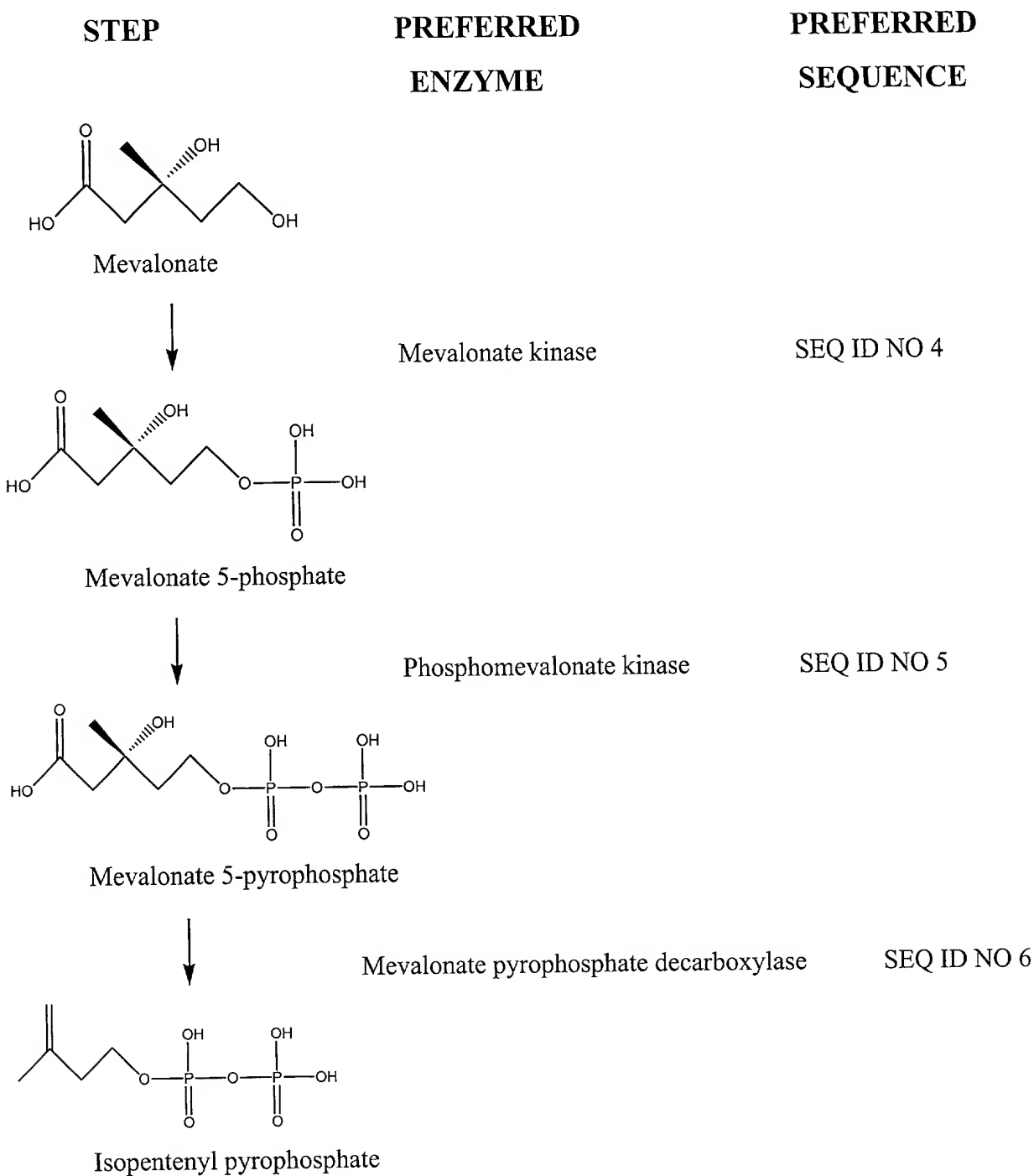


FIG 1B

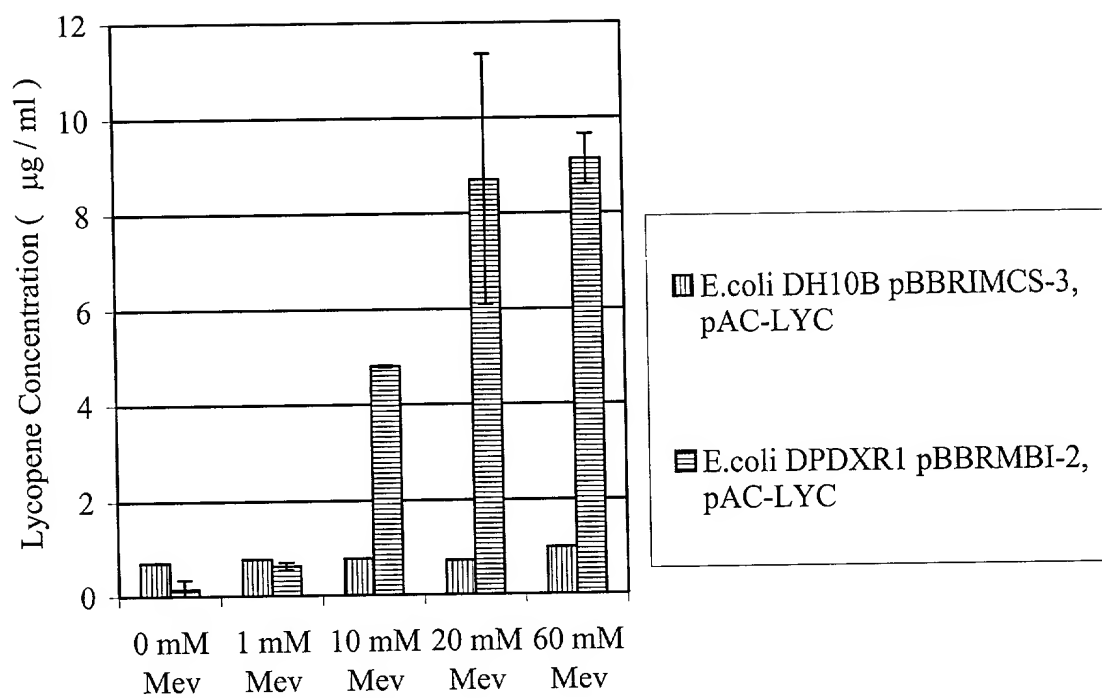


FIG. 2

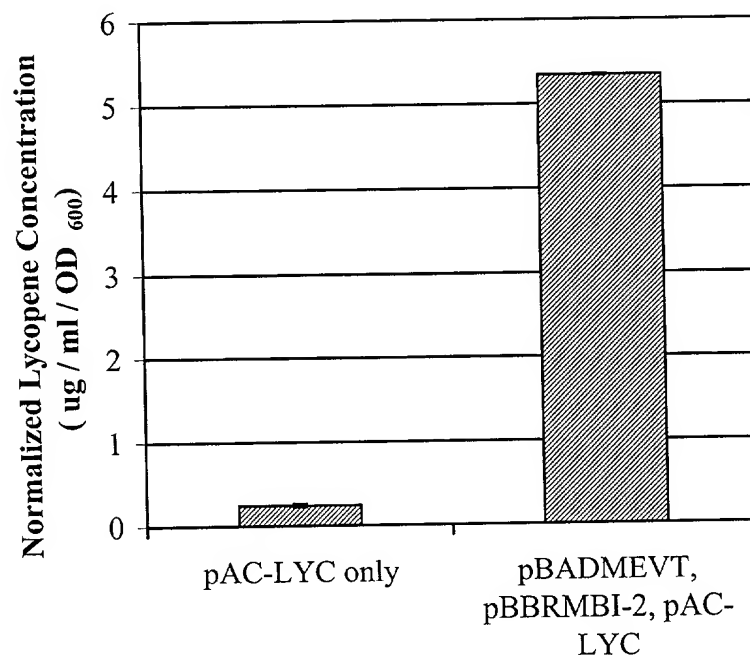
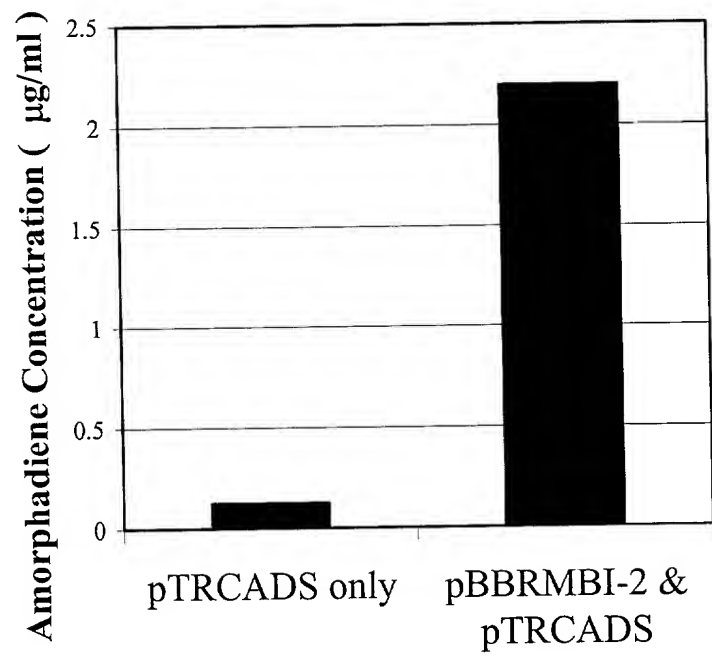
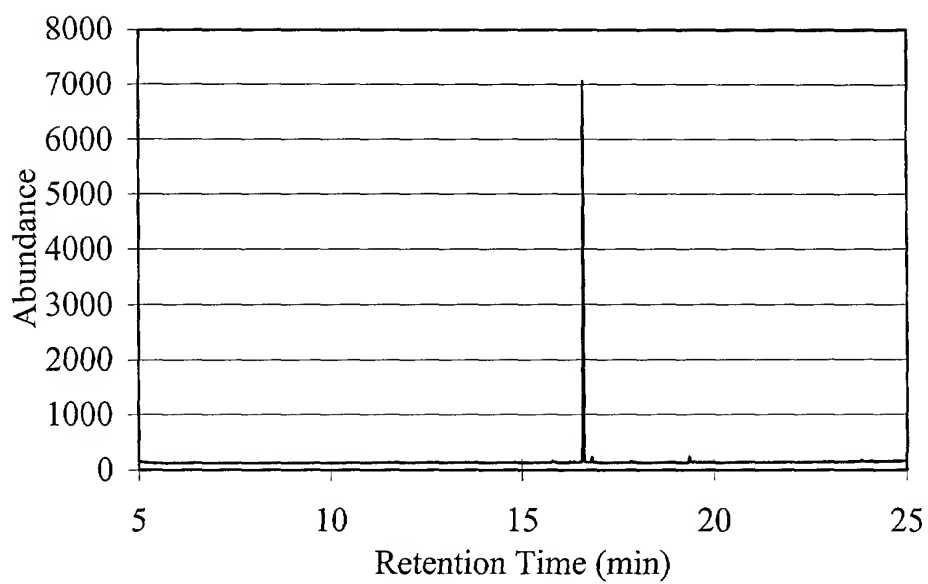


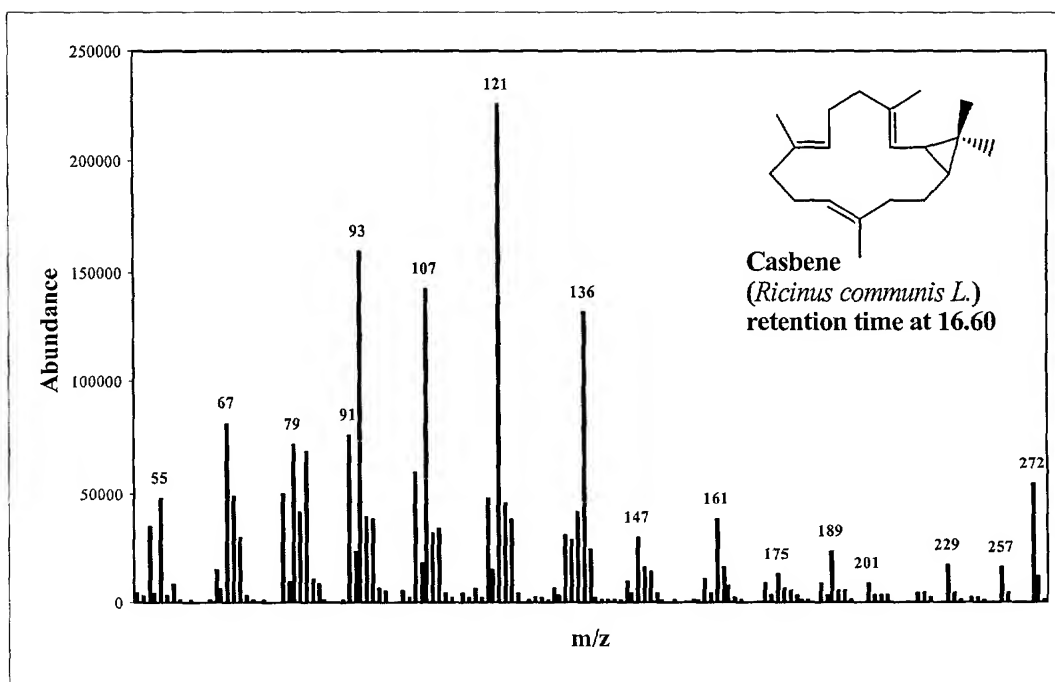
FIG. 3



**FIG. 4**



**FIG. 5**



**FIG. 6**